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BEFORE THE FEDERAL COMMUNICATIONS COMMISSION WASHINGTON D.C.

In re:)	
)	
AMENDMENT OF SECTION 73.202(b))	RM-
TABLE OF ASSIGNMENTS)	MM Docket No.
FM BROADCAST STATIONS)	
WASHBURN, WISCONSIN)	

TO: Chief, Allocations Branch Policy and Rules Division HECEIVED

NOV - 4 1998

PETITION FOR RULEMAKING

FEDERAL COMMUNICATIONS COMMISSION OFFICE OF THE SECRETARY

The State of Wisconsin Educational Communications Board ("WECB"), by its attorneys and pursuant to Section 1.401 of the Commission's Rules, requests that the Commission institute a rulemaking proceeding to amend Section 73.202(b) of the Rules to allot Channel 284A to Washburn, Wisconsin, and reserve it for noncommercial educational use. In support of this request, WECB submits the following:

Background

WECB operates a state public radio and television network currently consisting of eleven noncommercial educational radio stations and five noncommercial educational television stations. WECB operates under the auspices of a state mandate requiring it to provide educational services, including noncommercial educational broadcast programming services, to the people of the State of Wisconsin. Through the allocation requested in this petition, WECB seeks to further this mandate through the provision of new public radio service to the community of Washburn, Wisconsin. Thus, WECB asks that the Commission take cognizance of its statewide plan under Section 73.502 of the FCC Rules.

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Moreover, WECB offers two separate and distinct program services: The Ideas Network and The NPR News & Classical Music Network. WECB filed a petition for rulemaking on October 16, 1998 requesting that Channel 275A be allotted to Washburn, Wisconsin, and reserved for noncommercial use. The instant petition to allot Channel 284A will allow WECB to bring both its public radio program services to the region.

No Reserved Band FM Channels Are Available for Use at Washburn

No reserved band FM channels are available for use at Washburn, Wisconsin.

WECB performed a detailed channel-by-channel review of the reserved noncommercial educational FM channels, Channels 201 through 220, in search of a suitable frequency serving Washburn, Wisconsin. As demonstrated in the attached Engineering Report, use of these channels would cause interference to the reception of Channel 6 Television Station, KBJR-TV, Superior, Wisconsin, in and around Washburn, Wisconsin. Accordingly, no reserved band channel can be allotted to Washburn in compliance with the requirements of Section 73.525 of the Commission's Rules. The Commission has reserved a channel outside the reserved band for noncommercial use when reserved band channels were not available because of potential interference to operation of a Channel 6 television station. See e.g., Report and Order in MM Docket No. 91-53, (released July 9, 1991); Comobabi, Arizona, 47 Fed. Reg. 32715 (released July 29, 1982); Burlington and Newport, Vermont, 45 RR 2d 786 (1979).

Channel 284A Should Be Allotted to Ashland

The allocation of Channel 284A to Washburn will comply with the Commission's Rules and Regulations. As demonstrated in the attached Engineering Report, the proposed assignment of Channel 284A will comply with the minimum mileage separation requirements of Section

73.207 and 73.215 of the Commission's Rules. The proposed assignment can also be made without a site restriction.

Furthermore, Washburn is designated in the 1990 U.S. Census Report as an incorporated city in Wisconsin with a population of 2,285 persons. *See Rand McNally Commercial Atlas & Marketing Guide*, page 572 (129th ed. 1998). Accordingly, Washburn represents a community within the meaning of the Commission's rules and policies.

The Public Interest Would Be Better Served Through Reservation of the Channel 284A at Washburn

Allotment and reservation of Channel 284A for noncommercial use at Washburn would serve the public interest. Use of this channel would permit WECB to provide a first (or second) local public radio service to Washburn, Wisconsin (depending on Commission action on WECB's petition to allot Channel 275A to Ashland). In addition, as the attached Engineering Report shows, no existing noncommercial educational FM station provides a predicted 60 dBu signal to any part of Washburn. Accordingly, the allotment and reservation of Channel 284A represents the only means of providing Washburn with a local noncommercial educational FM channel. By contrast, Washburn is presently served by four full-time commercial radio stations, one of which is licensed to the Washburn community. Furthermore, other commercial channels remain available for assignment to the Washburn, Wisconsin community or surrounding communities.

Congress has mandated that the Commission give high priority to the provision of public telecommunications services to all residents of the United States. See Section 396(a) of the Communications Act of 1934, as amended. Because Washburn currently has local commercial

radio service, but no local noncommercial educational radio service, the Commission should allot Channel 284A to Washburn and reserve it for noncommercial use.

Conclusion

Should the Commission assign Channel 284A to Washburn, Wisconsin, WECB intends to apply for the channel and, if authorized, promptly to construct a new noncommercial educational FM station in Washburn. Absent the allocation of Channel 284A, Washburn will remain without local noncommercial educational FM service. There are no suitable channels in the noncommercial educational band available for use at Washburn; use of Channel 284A is the only means of providing Washburn with reserved noncommercial educational FM service.

Therefore, the public interest would be served through allocation of Channel 284A to Washburn and its reservation for noncommercial educational use.

Respectfully submitted,

STATE OF WISCONSIN-EDUCATIONAL COMMUNICATIONS BOARD

By:

Todd D. Gray Margaret L. Miller Christine J. Newcomb

Its Attorneys

Dow, Lohnes & Albertson, pllc 1200 New Hampshire Avenue, N.W. Suite 800 Washington, D.C. 20036 (202) 776-2000

November 4, 1998

The State of Wisconsin - Educational Communications Board ("WECB") intends to apply for and prosecute an application for Channel *284A at Washburn, Wisconsin, if allotted as a reserved channel.

J. 1. F telem

Title: Executive Director

Date: 9/05/88



ENGINEERING EXHIBIT

PETITION FOR RULE MAKING TO ASSIGN AN FM CHANNEL TO WASHBURN, WISCONSIN AND RESERVE IT FOR NONCOMMERCIAL USE

STATE OF WISCONSIN EDUCATIONAL COMMUNICATIONS BOARD

SEPTEMBER 1998

Prepared by:

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ENGINEERING STATEMENT

This Engineering Statement and the attached figures have been prepared by B. Benjamin Evans of Evans Associates, Consulting Communications Engineers in Thiensville, Wisconsin, on behalf of the State of Wisconsin Educational Communications Board ("WECB"). This exhibit supports a petition for rule making by WECB, requesting that FM Channel 284A be assigned to Washburn, Wisconsin, and reserved for non-commercial educational use.

The community of Washburn is located in Bayfield County in northwestern Wisconsin. Washburn, with a 1990 U.S. Census population of 2,285 persons, is the second most populous Wisconsin community within a 50-mile radius. The instant FM channel, if assigned as a non-commercial channel, would provide Washburn with its first non-commercial educational broadcast transmission service.

As a result of the frequency search conducted by this engineer, it has been determined that Channel 284A may be assigned to Washburn, Wisconsin, without conflicting with any existing FM assignments or proposed assignments that are known by the petitioner. Therefore, it is proposed that §73.202(b) of the FCC Rules and Regulations be amended in the following manner:

Community	<u>Channel</u>
Washburn, Wisconsin	*284A

It is the petitioner's intention to apply for a construction permit to operate on the FM assignment proposed herein, if it is assigned.

The reference point coordinates of Washburn are:

The assignment of Channel 284A to Washburn will meet all minimum distance spacing separation requirements under the FCC Rules without a site restriction.

As will be shown herein, WECB believes that good cause exists for reserving a commercial channel for non-commercial use at Washburn.

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TV CHANNEL 6 PRECLUDES THE USE OF RESERVED NON-COMMERCIAL EDUCATIONAL CHANNELS AT WASHBURN

None of the Channels 201 through 220 can be used for non-commercial operation at Washburn because of the potential interference to TV Channel 6 station KBJR-TV in Superior, Wisconsin, let alone other FM stations. Figure 1 is a map showing the predicted Grade B (47 dBu) contour of KBJR-TV. This contour extends 19.7 kilometers beyond the Washburn reference point. As will be demonstrated herein, a reserved channel facility that proposes to serve Washburn cannot avoid prohibited contour overlap with KBJR-TV.

Figure 4 is an allocation study of each of the twenty reserved educational FM channels. Detailed below is a channel-by-channel analysis of a proposed Class A operation in Washburn.

Channel 201 is precluded by a proposed new FM on Channel 201C2 (BPED-971211MN) in Wentworth, WI, and TV Channel 6 station KBJR-TV in Superior, WI.

Channel 202 is precluded by KBJR-TV in Superior, WI.

Channel 203 is precluded by KBJR-TV in Superior, WI.

Channel 204 is precluded by WOJB, Channel 205C1, in Reserve, WI, and KBJR-TV in Superior, WI.

Channel 205 is precluded by WOJB in Reserve, WI, and KBJR-TV in Superior, WI.

Channel 206 is precluded by WOJB in Reserve, WI, and KBJR-TV in Superior, WI.

Channel 207 is precluded by WNCB, Channel 207A, in Duluth, MN, and KBJR-TV in Superior, WI.

Channel 208 is precluded by WHSA, Channel 210C2, in Brule, WI, and KBJR-TV in Superior, WI.

Channel 209 is precluded by WHSA in Brule, WI, and KBJR-TV in Superior, WI.

Channel 210 is precluded by WHSA in Brule, WI, and KBJR-TV in Superior, WI.

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Channel 211 is precluded by WHSA in Brule, WI, and KBJR-TV in Superior, WI.

Channel 212 is precluded by WHSA in Brule, WI, WHBM-FM, Channel 212C2, in Park Falls, WI, and KBJR-TV in Superior, WI.

Channel 213 is precluded by KDNI, Channel 213C3, in Duluth, MN, and KBJR-TV in Superior, WI.

Channel 214 is precluded by WTIP, Channel 214C2, in Grand Marais, MN, and KBJR-TV in Superior, WI.

Channel 215 is precluded by KBJR-TV in Superior, WI.

Channel 216 is precluded by WGGL-FM, Channel 216C1, in Houghton, MI, KUWS, Channel 217C1, in Superior, WI, and KBJR-TV in Superior, WI.

Channel 217 is precluded by KUWS in Superior, WI, a proposed new FM on Channel 220C3 (BPED-960626MC) in Odanah, WI, and KBJR-TV in Superior, WI.

Channel 218 is precluded by BPED-960626MC in Odanah, WI, and KBJR-TV in Superior, WI.

Channel 219 is precluded by WXPR, Channel 219C1, in Rhinelander, WI, BPED-960626MC in Odanah, WI, and KBJR-TV in Superior, WI.

Channel 220 is precluded by BPED-960626MC in Odanah, WI, and KBJR-TV in Superior, WI.

Laying aside Channel 6 concerns, the best channels seem to be Channels 202, 203 and 215. In the case of Channel 215, the following Channel 6 analysis would apply: The Grade B service contour of KBJR-TV extends 114.0 kilometers in the direction of Washburn. Using Section 73.535 of the FCC Rules, and adding 6 dB for antenna directivity, the corresponding Channel 215 interference contour would be 80 dBu. The distance to the 80 dBu interference contour for a 3 KW, 100 meter Class A station is 7.6 kilometers. Thus, the stations would have to be located at least 121.6 kilometers apart. This requirement would place the antenna site for Channel 215 at least 27.3 kilometers from Washburn. Since the 60 dBu service contour would extend only 24.2 kilometers, less than half of Washburn would be served by the FM facility. Channel 215 is the best

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case scenario; on Channels 202 and 203, the site restrictions would be even more severe because the interfering contours would extend further out.

Thus, any reserved channel from 201 to 220 which would otherwise be available under Section 73.509 of the FCC rules, is precluded by the TV Channel 6 Grade B contour protection requirements of Section 73.525.

Therefore, it appears that the only channel that would allow a non-commercial educational FM station to be assigned to Washburn and would properly serve that community is on the commercial band.

WASHBURN DOES NOT PRESENTLY RECEIVE SERVICE FROM ANY NON-COMMERCIAL FULL BROADCAST STATION

Washburn does not have any locally-assigned non-commercial broadcast stations, nor do any existing non-commercial broadcast FM stations provide a predicted 60 dBu signal to any part of Washburn. Figure 2 demonstrates that the 60 dBu signals of existing non-commercial stations all fall short of Washburn. The allotment of Channel *284A will provide Washburn with its very first non-commercial radio broadcast transmission and reception service.

WASHBURN IS ALREADY SERVED BY SEVERAL COMMERCIAL RADIO SERVICES AND THERE ARE OTHER FM CHANNELS AVAILABLE FOR ADDITIONAL COMMERCIAL ASSIGNMENTS

Washburn is presently served by four fulltime commercial radio stations, one of which is assigned to Washburn. They are: WBSZ(FM), Ashland, WI; WJJH(FM), Ashland, WI; WEGZ(FM), Washburn, WI; WIMI(FM), Ironwood, MI. Figure 3 demonstrates that these four stations serve Washburn with a predicted 60 dBu signal.

Should there be a future interest in additional commercial radio services, there are other available FM channels that can be allotted to Washburn.

Channel 231A, 249A, 265A or 267A could be assigned to Washburn at the city reference coordinates. Channel 268A could be assigned with a site restriction of 12 kilometers east of Washburn.



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Thus, even if Channel *284A were assigned to Washburn, a total of three other non-conflicting channels could be allotted there for commercial Class A operation.

CONCLUSION

In view of the above, WECB believes that the assignment of Channel 284A to Washburn, Wisconsin as a non-commercial educational channel is the only viable way to provide a local non-commercial radio service to Washburn, and that this assignment would not shut the door to future commercial FM assignments to this area.

ATTACHED FIGURES:

Figure 1 ---- Map Showing Predicted KBJR-TV Grade B Contour

Figure 2 ---- Predicted Coverage Areas of Existing NCE-FM Stations

Figure 3 ---- Predicted Coverage Areas of Existing Commercial FM Stations

Figure 4 ---- Reserved Educational FM Band Allocation Studies

AFFIDAVIT

COUNTY OF OZAUKEE SS:
STATE OF WISCONSIN }
B. BENJAMIN EVANS, being duly sworn upon oath deposes and says:
That his qualifications are a matter of record with the Federal Communications Commission;
That he is a Consulting TeleCommunications Engineer, a Registered Professional Engineer in the State of Wisconsin, and a partner in the firm of Evans Associates;
That this firm has been retained by the State of Wisconsin Educational Communications Board to prepare this engineering exhibit;
That he has either prepared or directly supervised the preparation of all technical information contained in this engineering exhibit, and that the facts stated in this exhibit are true to the best of his knowledge, except statements that are herein stated to be based on information or belief, and as to such statements he believes them to be true.
B. Benjamin Evans, P.E.
Subscribed and sworn to before me this 14th day of September, 1998. My Commission expires 44, 2000.
Notary Public

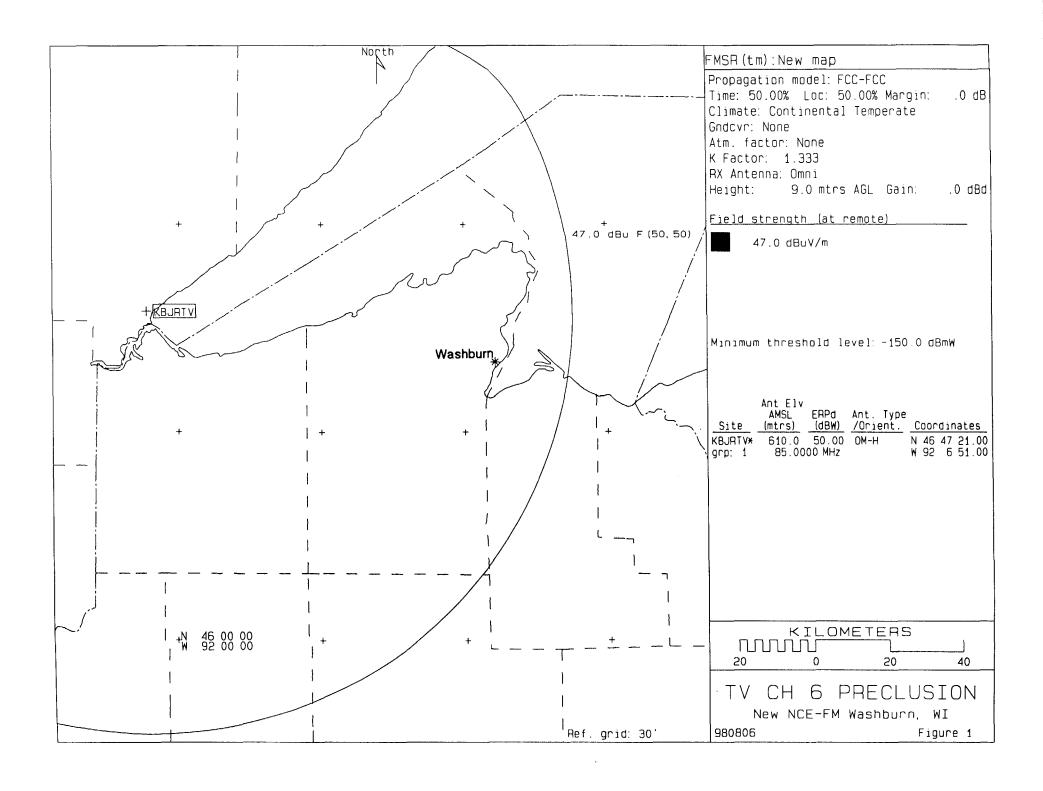
NOTICE

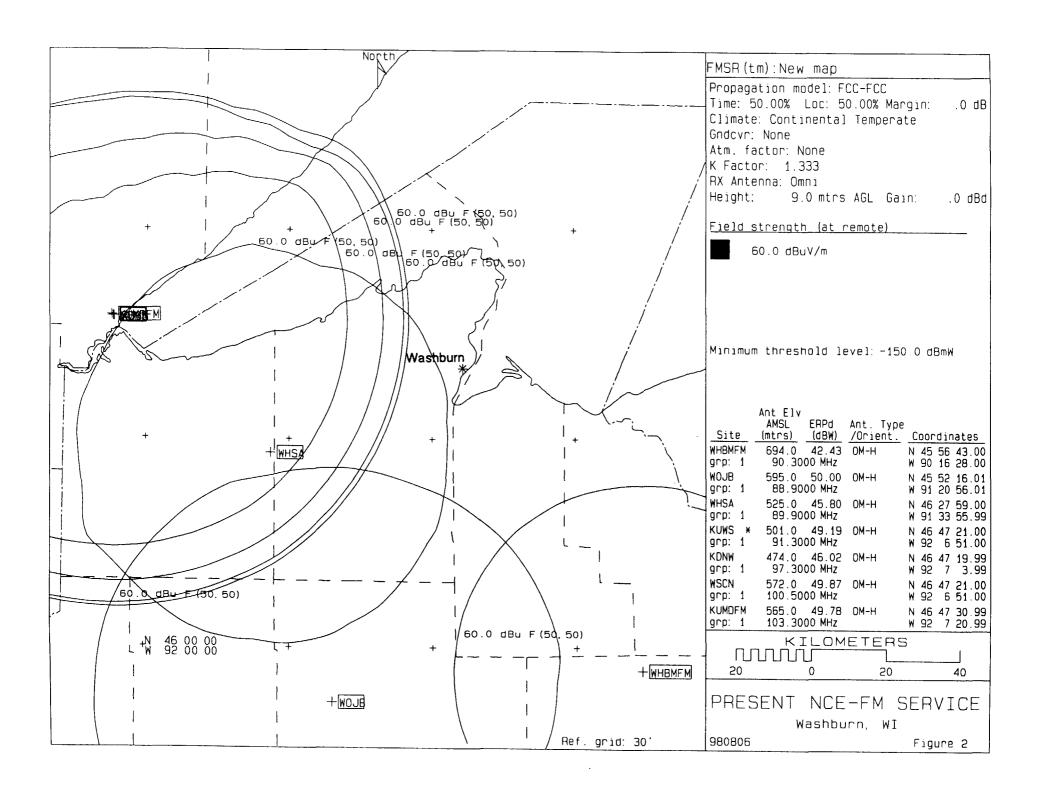
This exhibit and the work it is based on represents our best interpretation of existing information, technical data, FCC Rules and policies, and policies and rules of other agencies. However, these data, rules and policies and their interpretation by the FCC or other agency, that any undertaking based on it will be successful, or that further submittals, administrative actions or litigation will not be required by others in support of this proposal or future undertaking. In the event of errors, our liability is strictly limited to replacement of this document with a corrected one. Liability for consequential damages is specifically disclaimed. Favorable action on this application by the FCC, FAA or other federal and state agencies is not guaranteed.

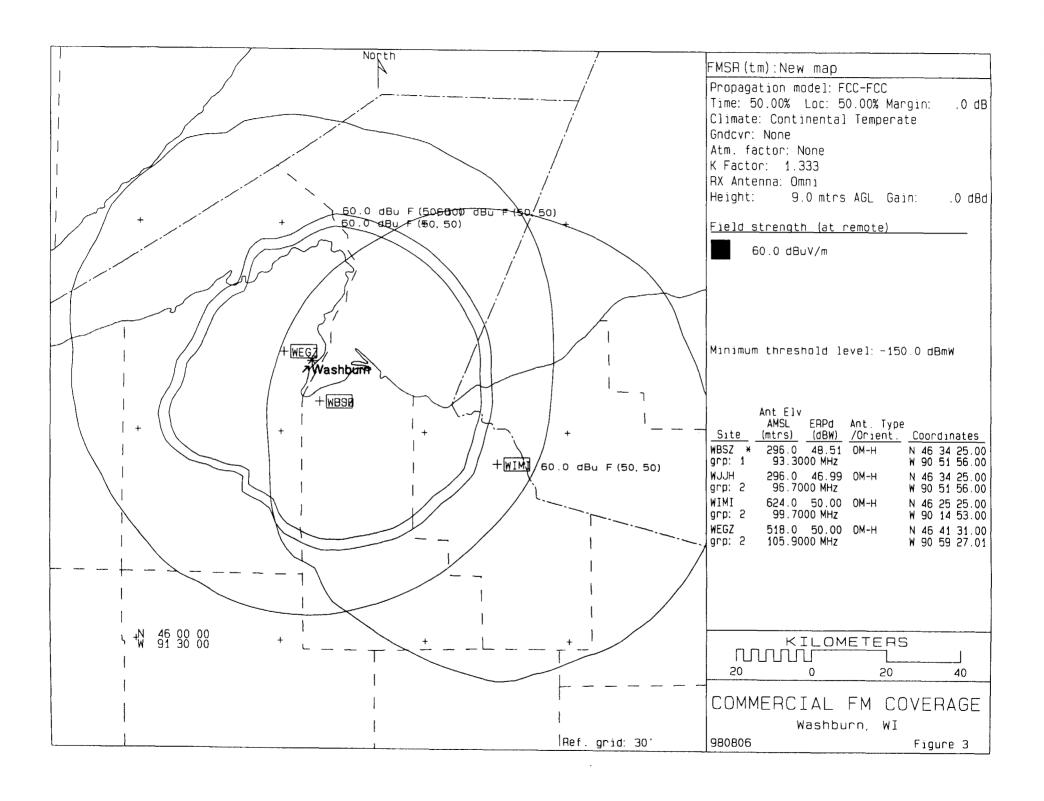
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Channel: 201A (88.1 MHz) 3 KW ERP Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CALL & CITY CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km REQ STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km ______ NEW Ironwood 201A 0.2 61 46 27 23 112.9° APP MI BPED980521MG>VCY America, Inc. 90 10 4 293.4° 60.5 Des. NEW 60 dBu - 9.6 km Undes. WECBWA 40 dBu - 76.7 km -25.8* 86.3 Undes. NEW 40 dBu - 32.2 km Des. WECBWA 60 dBu - 24.2 km +4.1 56.4 NEW Wentworth 201C2 25.0 109 46 28 14 256.4° 91.5 APP WI BPED971211MN>American Family Asso 92 3 6 75.5° 60 dBu - 40.4 km Undes. WECBWA 40 dBu - 76.7 km Des. NEW -25.6* 117.1 Undes. NEW 40 dBu - 115.3 km Des. WECBWA 60 dBu - 24.2 km -48.0# 139.5 KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5° 94.3 LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 54.0 dBu - 36.5 km -46.5# 140.8 Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 63.4 dBu - 20.7 km +18.8 75.5

>> # SEVERE SIGNAL OVERLAP; CHANNEL MAY NOT BE PRACTICABLE <<

Channel: 202A (88.3 MHz) Coordinates: 46 - 40 - 12 90 - 53 - 36 Job Title: WECB - WASHBURN WI	cing: 73.207
STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT	CLEAR-km -km
NEW Ironwood 201A 0.2 61 46 27 23 112.9° APP MI BPED980521MG>VCY America, Inc. 90 10 4 293.4°	60.5
Des. NEW 60 dBu - 9.6 km Undes. WECBWA 54 dBu - 36.5 km Undes. NEW 54 dBu - 13.7 km Des. WECBWA 60 dBu - 24.2 km	+14.4 46.1
NEW Wentworth 201C2 25.0 109 46 28 14 256.4° APP WI BPED971211MN>American Family Asso 92 3 6 75.5°	
Des. NEW 60 dBu - 40.4 km Undes. WECBWA 54 dBu - 36.5 km Undes. NEW 54 dBu - 62.3 km Des. WECBWA 60 dBu - 24.2 km	+14.6 76.9
WHWC Menomonie 202C 100. 319 DA 45 2 47 202.9° LIC WI BLED960829KA>State of Wisconsin-E 91 51 42 22.2°	
Des. WHWC 60 dBu - 73.8 km Undes. WECBWA 40 dBu - 76.7 km Undes. WHWC 40 dBu - 174.1 km Des. WECBWA 60 dBu - 24.2 km	
WHWC Menomonie 202C1 71. 320 DA 45 2 49 202.9° CP WI BPED971103IA>State of Wisconsin-E 91 51 47 22.2°	195.5
Des. WHWC 60 dBu - 70.4 km Undes. WECBWA 40 dBu - 76.7 km Undes. WHWC 40 dBu - 165.7 km Des. WECBWA 60 dBu - 24.2 km	
NEW Superior 203A 1.0 87 46 47 21 278.5° APP WI BPED971211MC>State of Wisconsin E 92 6 51 97.7°	94.3 73.0 +21.3
WOJB Reserve 205C1 100. 184 45 52 16 201.7° LIC WI BLED820428AH>Lac Courte Oreilles 91 20 56 21.3°	
KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5° LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7°	
Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 56.8 dBu - 30.7 km Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 65.1 dBu - 18.6 km	

>> # SEVERE SIGNAL OVERLAP; CHANNEL MAY NOT BE PRACTICABLE <<

Job Title: WECB - WASHBURN WI	acing: 73.207
CALL & CITY CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to	
STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-°T	CLEAR-KM -km
NEW Ironwood 201A 0.2 61 46 27 23 112.9°	60.5 38.0
APP MI BPED980521MG>VCY America, Inc. 90 10 4 293.4°	
NEW Superior 203A 1.0 87 46 47 21 278.5°	94.3
APP WI BPED971211MC>State of Wisconsin E 92 6 51 97.7°	
Des. NEW 60 dBu - 17.2 km Undes. WECBWA 40 dBu - 76.7 km	+0.4 93.9
Undes. NEW 40 dBu - 58.5 km Des. WECBWA 60 dBu - 24.2 km	+11.6 82.7
WOJB Reserve 205C1 100. 184 45 52 16 201.7°	95.5 82.0
LIC WI BLED820428AH>Lac Courte Oreilles 91 20 56 21.3°	+13.5
KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5°	94.3
LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7°	
Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 59.5 dBu - 26.1 km	-36.1# 130.4
Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 66.9 dBu - 16.6 km	+22.9 71.4

>> # SEVERE SIGNAL OVERLAP; CHANNEL MAY NOT BE PRACTICABLE <<

Channel: 204A (88.7 MHz) 3 KW ERP Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km CALL & CITY STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-ot CLEAR-km -km ________ Ironwood 201A 0.2 61 46 27 23 112.9° 60.5 NEW APP MI BPED980521MG>VCY America, Inc. 90 10 4 293.4° +28.5 Superior 203A 1.0 87 46 47 21 WI BPED971211MC>State of Wisconsin E 92 6 51 203A 1.0 87 46 47 21 278.5° 94.3 73.0 NEW APP 97.7° +21.3 NEW Esko 204A 0.45 29 46 42 22 272.6° APP MN BPED970331MA>Lincoln High School 92 21 44 91.5° 204A 0.45 29 112.4 Des. NEW 60 dBu - 8.3 km Undes. WECBWA 40 dBu - 76.7 km +27.4 85.0 Undes. NEW 40 dBu - 27.5 km Des. WECBWA 60 dBu - 24.2 km +60.7 51.7 95.5 WOJB Reserve 205C1 100. 184 45 52 16 201.7° WI BLED820428AH>Lac Courte Oreilles 91 20 56 21.3° LIC Des. WOJB 60 dBu - 62.3 km Undes. WECBWA 54 dBu - 36.5 km -3.3* 98.8 Undes. WOJB 54 dBu - 92.5 km Des. WECBWA 60 dBu - 24.2 km -21.2* 116.7 SUPERIOR 6TV-2 100 308 46 47 21 278.5° WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° KBJRTV SUPERIOR 94.3 LIC Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 62.3 dBu - 22.1 km -32.1# 126.4 Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 69.1 dBu - 14.5 km +25.0 69.3

>> # SEVERE SIGNAL OVERLAP; CHANNEL MAY NOT BE PRACTICABLE <<

Channel: 205A (88.9 MHz) 3 KW ERP Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km REQ CALL & CITY STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km WOJB Reserve 205C1 100. 184 45 52 16 201.7° 95.5 LIC WI BLED820428AH>Lac Courte Oreilles 91 20 56 21.3° Des. WOJB 60 dBu - 62.3 km Undes. WECBWA 40 dBu - 76.7 km -43.5X 139.0 Undes. WOJB 40 dBu - 159.9 km Des. WECBWA 60 dBu - 24.2 km -88.6X 184.1 KBJRTV SUPERIOR 6TV-2 100 46 47 21 278.5° 94.3 308 LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 65.1 dBu - 18.6 km -28.6* 122.9 Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 71.3 dBu - 12.7 km +26.8 67.5

Channel: 206A (89.1 MHz) 3 KW ERP Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km REQ CALL & CITY STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km _______ 184 45 52 16 201.7° 205C1 100. Reserve WI BLED820428AH>Lac Courte Oreilles 91 20 56 21.3° LIC 60 dBu - 62.3 km Undes. WECBWA 54 dBu - 36.5 km -3.3* 98.8 Des. WOJB Undes. WOJB 54 dBu - 92.5 km Des. WECBWA 60 dBu - 24.2 km -21.2×116.7 46 47 14 278.4° 94.3 WNCB 207A 2.4 145 73.0 Duluth CP MN BPED980304ID>North-Central Christ 92 6 53 97.5° +21.3 WNCB Duluth 207A 2.4 145 46 47 14 278.4° 94.3 73.0 MN BLED930712KA>North-Central Christ 92 6 53 97.5° +21.3 LIC 278.50 KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 94.3 WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° LIC Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 69.5 dBu - 14.2 km -24.2* 118.5 Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 70.5 dBu - 13.3 km +26.2 68.1

Channel: 207A (89.3 MHz) 3 KW ERP Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CALL & CITY CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km REQ FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km STATUS STATE 205C1 100. 184 45 52 16 201.7° 95.5 82.0 WOJB Reserve WI BLED820428AH>Lac Courte Oreilles 91 20 56 21.30 +13.5 LIC 145 WNCB Duluth 207A 2.4 46 47 14 278.4° 94.3 MN BPED980304ID>North-Central Christ 92 6 53 97.5° CP Des. WNCB 60 dBu - 27.2 km Undes. WECBWA 40 dBu - 76.7 km -9.6* 103.9 Undes. WNCB 40 dBu - 80.0 km Des. WECBWA 60 dBu - 24.2 km -9.9* 104.2 WNCB Duluth 207A 2.4 145 46 47 14 278.4° 94.3 LIC BLED930712KA>North-Central Christ 92 6 53 97.5° Des. WNCB 60 dBu - 27.2 km Undes. WECBWA 40 dBu - 76.7 km -9.6 * 103.9Undes. WNCB 40 dBu - 80.0 km Des. WECBWA 60 dBu - 24.2 km -9.9 * 104.2WHSA Brule 210C2 38. 168 46 27 59 246.50 56.3 55.0 >State of Wisconsin E 91 33 56 LIC WI BLED1040 66.00 +1.3 KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5° 94.3 BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° LIC WI Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 73.3 dBu - 11.3 km -21.3 * 115.6Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 70.5 dBu - 13.3 km +26.2 68.1

Channel: 208A (89.5 MHz) 3 KW ERP Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km CALL & CITY STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km _______ Reserve 205C1 100. 184 45 52 16 201.7° 95.5 76.0 LIC WI BLED820428AH>Lac Courte Oreilles 91 20 56 21.3° +19.5 207A 2.4 145 WNCB 46 47 14 278.4° Duluth 94.3 73.0 97.5° +21.3 CP MN BPED980304ID>North-Central Christ 92 6 53 WNCB 207A 2.4 46 47 14 278.4° 94.3 Duluth 145 73.0 LIC MN BLED930712KA>North-Central Christ 92 6 53 97.5° +21.3 WHSA Brule 210C2 38. 46 27 59 246.5° 168 56.3 WI BLED1040 >State of Wisconsin E 91 33 56 66.0° LIC Des. WHSA 60 dBu - 51.8 km Undes. WECBWA 80 dBu - 7.6 km -3.1* 59.4 Undes. WHSA 80 dBu - 19.4 km Des. WECBWA 60 dBu - 24.2 km +12.7 43.6 278.5° KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 94.3 LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 73.3 dBu - 11.3 km -21.3* 115.6 Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 70.5 dBu - 13.3 km +26.2 68.1

Channel: 209A (89.7 MHz) 3 KW ERP Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CALL & CITY CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km WHSA Brule 210C2 38. 168 46 27 59 246.5° LIC WI BLED1040 >State of Wisconsin E 91 33 56 66.0° 56.3 Des. WHSA 60 dBu - 51.8 km Undes. WECBWA 54 dBu - 36.5 km -32.0X 88.3 Undes. WHSA 54 dBu - 76.9 km Des. WECBWA 60 dBu - 24.2 km -44.8X 101.1 KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5° 94.3 WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 73.3 dBu - 11.3 km -21.3* 115.6 Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 70.5 dBu - 13.3 km +26.2 68.1

3 KW ERP Channel: 210A (89.9 MHz) Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km REQ CALL & CITY STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km ______ WHSA Brule 210C2 38. 168 46 27 59 246.5° 56.3 LIC WI BLED1040 >State of Wisconsin E 91 33 56 66.0° Des. WHSA 60 dBu - 51.8 km Undes. WECBWA 40 dBu - 76.7 km -72.2X 128.5 Undes. WHSA 40 dBu - 134.0 km Des. WECBWA 60 dBu - 24.2 km -101.9X 158.2
 KBJRTV
 SUPERIOR
 6TV-2
 100
 308
 46
 47
 21

 LIC
 WI
 BLCT2419
 >KBJR
 LICENSE, INC.
 92
 6
 51
 46 47 21 278.5° 94.3 97.70 Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 73.3 dBu - 11.3 km -21.3* 115.6 Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 70.5 dBu - 13.3 km +26.2 68.1

Channel: 211A (90.1 MHz) Coordinates: 46 - 40 - 12 90 - 53 - 36 Job Title: WECB - WASHBURN WI	
CALL & CITY CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to	
STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT	CLEAR-km -km
WHSA Brule 210C2 38. 168 46 27 59 246.5° LIC WI BLED1040 >State of Wisconsin E 91 33 56 66.0°	56.3
Des. WHSA 60 dBu - 51.8 km Undes. WECBWA 54 dBu - 36.5 km	-32.0X 88.3
Undes. WHSA 54 dBu - 76.9 km Des. WECBWA 60 dBu - 24.2 km	-44.8X 101.1
WHBMFM Park Falls 212C2 17.5 222 45 56 43 149.2° LIC WI BLED881108KA>State of Wisconsin E 90 16 28 329.7°	93.6
Des. WHBMFM 60 dBu - 49.7 km Undes. WECBWA 54 dBu - 36.5 km	+7.4 86.2
Undes. WHBMFM 54 dBu - 73.3 km Des. WECBWA 60 dBu - 24.2 km	
KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5°	94.3
LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7°	
Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 73.3 dBu - 11.3 km	-21.3* 115.6
Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 70.5 dBu - 13.3 km	+26.2 68.1

CALL Φ CITY CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-°T	cing: 73.207 DIST-km REQ CLEAR-km -km
WHSA Brule 210C2 38. 168 46 27 59 246.5° LIC WI BLED1040 >State of Wisconsin E 91 33 56 66.0° Des. WHSA 60 dBu - 51.8 km Undes. WECBWA 80 dBu - 7.6 km Undes. WHSA 80 dBu - 19.4 km Des. WECBWA 60 dBu - 24.2 km	56.3 -3.1* 59.4
WHBMFM Park Falls 212C2 17.5 222 45 56 43 149.2° LIC WI BLED881108KA>State of Wisconsin E 90 16 28 329.7° Des. WHBMFM 60 dBu - 49.7 km Undes. WECBWA 40 dBu - 76.7 km Undes. WHBMFM 40 dBu - 123.4 km Des. WECBWA 60 dBu - 24.2 km	-32.8X 126.4
USED Duluth 213C3 46 47 21 278.5° 92 6 51 97.7°	94.3 90.0 +4.3
KDNI Duluth 213C3 1.30 245 46 47 21 278.5° LIC MN BLED910618KE>Northwestern College 92 6 51 97.7°	
KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5° LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 74.8 dBu - 10.3 km Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 71.8 dBu - 12.3 km	-20.3* 114.6

3 KW ERP Channel: 213A (90.5 MHz) Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km REQ CALL & CITY STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km 210C2 38. 168 46 27 59 246.5° 56.3 55.0 WHSA Brule WI BLED1040 >State of Wisconsin E 91 33 56 66.0° +1.3 LIC 212C2 17.5 222 45 56 43 149.2° WHBMFM Park Falls 93.6 LIC WI BLED881108KA>State of Wisconsin E 90 16 28 329.7° Des. WHBMFM 60 dBu - 49.7 km Undes. WECBWA 54 dBu - 36.5 km +7.4 86.2 Undes. WHBMFM 54 dBu - 73.3 km Des. WECBWA 60 dBu - 24.2 km $-3.9 \star 97.5$ 213C3 46 47 21 278.5° 94.3 143.0 Duluth 92 6 51 97.70 -48.7# USED MN > Duluth 213C3 1.30 245 46 47 21 278.5° MN BLED910618KE>Northwestern College 92 6 51 97.7° KDNI 94.3 Des. KDNI 60 dBu - 30.2 km Undes. WECBWA 40 dBu - 76.7 km -12.6* 106.9 Undes. KDNI 40 dBu - 84.1 km Des. WECBWA 60 dBu - 24.2 km -14.0 * 108.3WTIP Grand Marais 214C2 25.0 178 **47 46** 9 18.5° 129.0 107.0 CP MN BPED961216MC>Cook County Communit 90 20 49 198.9° +22.0 278.5° 308 KBJRTV SUPERIOR 6TV-2 100 46 47 21 94.3 WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° LIC Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 75.5 dBu - 9.9 km -19.9 * 114.2Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 72.7 dBu - 11.7 km +27.8 66.5

>> # SEVERE SIGNAL OVERLAP; CHANNEL MAY NOT BE PRACTICABLE <<

Channel: 214A (90.7 MHz) 3 KW ERP Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km REQ CALL & CITY STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km 46 47 21 278.5° 94.3 Duluth 213C3 90.0 MN USED 92 6 51 97.7° +4.3 213C3 1.30 245 KDNI Duluth 46 47 21 278.5° 94.3 90.0 97.70 LIC MN BLED910618KE>Northwestern College 92 6 51 +4.3 WTIP 47 46 9 Grand Marais 214C2 25.0 178 18.5° 129.0 MN BPED961216MC>Cook County Communit 90 20 49 198.9° CP Des. WTIP 60 dBu - 49.2 km Undes. WECBWA 40 dBu - 76.7 km +3.1 125.9 Undes. WTIP 40 dBu - 125.9 km Des. WECBWA 60 dBu - 24.2 km -21.1* 150.1 46 47 21 278.5° KUWS Superior 217C1 83. 197 94.3 76.0 WI BLED910122KA>Board of Regents of LIC 92 6 51 97.7° +18.3 KBJRTV SUPERIOR 46 47 21 278.5° 6TV-2 100 308 94.3 WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° LIC Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 78.2 dBu - 8.4 km Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 73.2 dBu - 11.3 km -18.4 * 112.7+28.2 66.1

3 KW ERP Channel: 215A (90.9 MHz) Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CALL & CITY CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km REQ STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km WTIP Grand Marais 214C2 25.0 178 47 46 9 18.5° 129.0 107.0 MN BPED961216MC>Cook County Communit 90 20 49 CP 198.9° +22.0 215C 77.0 44 55 14 154.0° 215.7 WHRM 341 Wausau WI BMLED970521KH>State of Wisconsin - 89 41 31 LIC 60 dBu - 72.7 km Undes. WECBWA 40 dBu - 76.7 km Des. WHRM +66.3 149.4 40 dBu - 170.4 km Des. WECBWA 60 dBu - 24.2 km Undes. WHRM +21.1 194.6 WIRR Virginia-Hibbin 215C2 21.0 168 47 29 46 303.4° 170.5 167.0 BLED850827KC>Minnesota Public Rad 92 47 5 122.0° LIC MN +3.5 KUWS Superior 217C1 83. 197 46 47 21 278.5° 94.3 82.0 LIC WI BLED910122KA>Board of Regents of 92 6 51 97.70 +12.3 KBJRTV SUPERIOR 6TV-2 100 46 47 21 278.50 308 94.3 LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.70 Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 80.0 dBu - 7.6 km -17.6 * 111.9 Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 73.7 dBu - 11.0 km +28.5 65.8

Channel: 216A (91.1 MHz) Coordinates: 46 - 40 - 12	3 KW ERP 100 M HAAT L5 Facility
Cl.A Spacin CALL & CITY CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIS	
STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLE	
KNOWFM Minneapolis-St. 216C 100. 400 45 3 44 225.0° 24	19.7 227.0 22.7
	2.5
LIC MI BLED937 >Minnesota Public Rad 88 41 43 257.1° Des. WGGLFM 60 dBu - 69.2 km Undes. WECBWA 40 dBu - 76.7 km +2	6.6 145.9
	0.2* 192.7
KUWS Superior 217C1 83. 197 46 47 21 278.5° 9 LIC WI BLED910122KA>Board of Regents of 92 6 51 97.7°	4.3
Des. KUWS 60 dBu - 61.9 km Undes. WECBWA 54 dBu - 36.5 km -	
Undes. KUWS 54 dBu - 91.4 km Des. WECBWA 60 dBu - 24.2 km -2	1.3* 115.6
KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5° 90 CTC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7°	4.3
	7.2* 111.5
Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 75.1 dBu - 10.1 km +29	9.4 64.9
>> * SIGNAL OVERLAP; REDUCTION, RELOCATION OR DIRECTIONALITY MAY BE PO	OSSIBLE <<

Channel: 217A (91.3 MHz) Coordinates: 46 - 40 - 12 90 - 53 - 36 Job Title: WECB - WASHBURN WI	cing: 73.207 DIST-km REQ
KUWS Superior 217C1 83. 197 46 47 21 278.5° LIC WI BLED910122KA>Board of Regents of 92 6 51 97.7°	94.3
Des. KUWS 60 dBu - 61.9 km Undes. WECBWA 40 dBu - 76.7 km	-44.3X 138.6
Undes. KUWS 40 dBu - 156.7 km Des. WECBWA 60 dBu - 24.2 km	
NEW Odanah 220C3 12.0 100 46 31 35 121.1°	30.9
APP WI BPED960626MC>Lac Courte Oreilles 90 32 56 301.4°	
Des. NEW 60 dBu - 33.3 km Undes. WECBWA 100 dBu - 2.3 km	-4.7* 35.6
Undes. NEW 100 dBu - 3.3 km Des. WECBWA 60 dBu - 24.2 km	+3.4 27.5
KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5° LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7°	94.3
Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 82.0 dBu - 6.8 km	-16.8* 111.1
Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 76.6 dBu - 9.3 km	+30.2 64.1

Channel: 218A (91.5 MHz)	3 KW ERP
Channel: 218A (91.5 MHz) Coordinates: 46 - 40 - 12 90 - 53 - 36	TAAH M OO
Job Title: WECB - WASHBURN WI	Facility
CALL & CITY CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST	-km REQ
STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-°T CLEA	
KUWS Superior 217C1 83. 197 46 47 21 278.5° 94	
LIC WI BLED910122KA>Board of Regents of 92 6 51 97.7°	
Des. KUWS 60 dBu - 61.9 km Undes. WECBWA 54 dBu - 36.5 km -4	.1* 98.4
Undes. KUWS 54 dBu - 91.4 km Des. WECBWA 60 dBu - 24.2 km -21	
Thunder Bay 218C 48 33 2 30.3° 243 VACA ON > 89 13 25 211.5° +2	.9 241.5
VACA ON > 89 13 25 211.5° +2	. 4
WXPR Rhinelander 219C1 100. 123 45 46 28 127.6° 161	.3 134.0
LIC WI BLED911205KD>White Pine Community 89 14 54 308.8° +27	. 3
NEW Odanah 220C3 12.0 100 46 31 35 121.1° 30	. 9
APP WI BPED960626MC>Lac Courte Oreilles 90 32 56 301.4°	
Des. NEW 60 dBu - 33.3 km Undes. WECBWA 80 dBu - 7.6 km -10	0* 40.9
Undes. NEW 80 dBu - 10.8 km Des. WECBWA 60 dBu - 24.2 km -4	1* 35.0
KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5° 94	. 3
LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7°	
Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 85.5 dBu - 5.6 km -15.	6* 109.9
Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 80.0 dBu - 7.6 km +31.	9 62.4

Channel: 219A (91.7 MHz) 3 KW ERP Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Φ indicates 73.215 Facility Job Title: WECB - WASHBURN WI Cl.A Spacing: 73.207 CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km REQ CALL & CITY STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km ______ KUWS Superior 217C1 83. 197 46 47 21 278.5° 94.3 WI BLED910122KA>Board of Regents of 92 6 51 97.7° +12.3 LIC WXPR Rhinelander 219C1 100. 123 45 46 28 127.6° LIC WI BLED911205KD>White Pine Community 89 14 54 308.8° 21901 100. 123 45 46 28 127.6° 161.3 Des. WXPR 60 dBu - 54.7 km Undes. WECBWA 40 dBu - 76.7 km +29.9 131.4 Undes. WXPR 40 dBu - 150.3 km Des. WECBWA 60 dBu - 24.2 km -13.2* 174.5 KAXE Grand Rapids 219C1 100. 140 47 15 17 289.6° 204.0 201.0 MN BLED1533 LIC >Northern Community R 93 26 3 107.7° +3.0 NEW Odanah 220C3 12.0 100 46 31 35 121.1° 30.9 APP WI BPED960626MC>Lac Courte Oreilles 90 32 56 301.4° Des. NEW 60 dBu - 33.3 km Undes. WECBWA 54 dBu - 36.5 km -39.0# 69.8 Undes. NEW 54 dBu - 51.7 km Des. WECBWA 60 dBu - 24.2 km -45.1# 75.9 KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.5° LIC WI BLCT2419 >KBJR LICENSE, INC. 92 6 51 97.7° 308 278.50 94.3 Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 89.0 dBu - 4.6 km -14.6* 108.9 Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 83.6 dBu - 6.3 km +33.2 61.1

>> # SEVERE SIGNAL OVERLAP; CHANNEL MAY NOT BE PRACTICABLE <<

Channel: 220A (91.9 MHz) 3 KW ERP Coordinates: 46 - 40 - 12 90 - 53 - 36 100 M HAAT Job Title: WECB - WASHBURN WI Φ indicates 73.215 Facility Cl.A Spacing: 73.207 CH/CL-ZN ERP-kw HAAT-m DA LATITUDE BEAR-to DIST-km REQ CALL & CITY STATUS STATE FCC# APPLICANT/LICENSEE LONGITUDE -from-oT CLEAR-km -km Superior 217C1 83. 197 46 47 21 278.5° 94.3 KUWS 76.0 WI BLED910122KA>Board of Regents of 92 6 51 LIC 97.70 +18.3 WXPR Rhinelander 219C1 100. 123 45 46 28 127.6° 161.3 134.0 WI BLED911205KD>White Pine Community 89 14 54 308.8° LIC +27.3
 Odanah
 220C3 12.0
 100
 46 31 35
 121.1°

 WI
 BPED960626MC>Lac Courte Oreilles
 90 32 56
 301.4°
 NEW 30.9 APP 60 dBu - 33.3 km Undes. WECBWA 40 dBu - 76.7 km Des. NEW -79.2# 110.0 40 dBu - 98.4 km Des. WECBWA 60 dBu - 24.2 km Undes. NEW -91.8# 122.6 WWAX 221A 0.78 46 47 13 276 278.4° Hermantown 94.8 71.5 CP MN BPH950206MS>Harbor Broadcasting, 92 7 17 97.5° +23.3 WWAX Hermantown 22103 3.4 272 46 47 15 278.40 94.9 88.5 CP BPH970604IC>Harbor Broadcasting, 92 7 21 97.5° +6.3 46 49 30 279.70 Hermantown 221C3 107.6 88.5 USED MN 96-105 92 17 0 98.70 +19.1 94.3 KBJRTV SUPERIOR 6TV-2 100 308 46 47 21 278.50 46 47 21 27 27 92 6 51 97.7° WI BLCT2419 >KBJR LICENSE, INC. LIC Des. KBJRTV 47 dBu - 104.3 km Undes. WECBWA 92.0 dBu -3.8 km -13.8* 108.1 Des. KBJRTV 68 dBu - 54.8 km Undes. WECBWA 85.2 dBu - 5.7 km +33.8 60.5

>> # SEVERE SIGNAL OVERLAP; CHANNEL MAY NOT BE PRACTICABLE <<